

Declaration and Power of Attorney For Patent Application

English Language Declaration

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled A PRINTED CIRCUIT BOARD, A BUILDUP SUBSTRATE, A METHOD OF MANUFACTURING PRINTED CIRCUIT BOARD, AND AN ELECTRONIC DEVICE the specification of which is attached hereto unless the following box is checked:

was filed on September 30, 2003 as

United States Application Number _____ (or PCT International Application Number)

and was amended on September 30, 2003 by Preliminary Amendment (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR § 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. §119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or §365(a) of any PCT International application which designated at least one country other than the United States listed below and have also identified International application having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)

Priority Not Claimed

2002-287850

JAPAN

(Number)

(Country)

30 September 2002

(Day/Month/Year Filed)

I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below.

(Application Number)

(Filing Date)

(Application Number)

(Filing Date)

I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s), or 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

(Application Number) _____ (Filing Date) _____ (Status - patented, pending, abandoned)

(Application Number) _____ (Filing Date) _____ (Status - patented, pending, abandoned)

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

Robert L. Andersen	Reg. No. 25,771	Lawrence E. Ashery	Reg. No. 34,515	Steven E. Bach	Reg. No. 46,530
Daniel N. Calder	Reg. No. 27,424	Lowell L. Carson	Reg. No. 48,548	Kevin R. Casey	Reg. No. 32,117
Joshua L. Cohen	Reg. No. 38,040	Rex A. Donnelly, IV	Reg. No. 41,712	Jacques L. Etzkowicz	Reg. No. 41,738
Kevin W. Goldstein	Reg. No. 34,608	William P. Hauser	Reg. No. 26,277	Jack J. Jankovitz	Reg. No. 42,690
Costas S. Krikellis	Reg. No. 28,028	Benjamin E. Leace	Reg. No. 33,412	Christopher R. Lewis	Reg. No. 36,201
Bruce M. Monroe	Reg. No. 33,602	Andrew L. Ney	Reg. No. 20,300	Paul F. Prestia	Reg. No. 23,031
Kenneth N. Nigon	Reg. No. 31,549	Pamela D. Politis	Reg. No. 47,865	James C. Simmons	Reg. No. 24,842
Allan Ratner	Reg. No. 19,717	Robert P. Seitter	Reg. No. 24,856	Frank Tise	Reg. No. 50,379
Jonathan H. Spadt	Reg. No. 45,122	Christopher M. Spletzer	Reg. No. 52,240	Stanley Weinberg	Reg. No. 25,276

Address all correspondence to: _____

RatnerPrestia, Suite 301, One Westlakes, Berwyn, P.O. Box 980, Valley Forge, PA 19482-0980

Address all telephone calls to: _____ at (610) 407-0700.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor (given name, family name) Shigeru MORIMOTO

Inventor's signature _____ Date _____

Residence Osaka, JAPAN

Citizenship Japanese

Post Office Address 3-17-13-502, Masago, Ibaraki-shi, Osaka 567-0851 JAPAN

Full name of second joint inventor, if any (given name, family name) Hisashi ADACHI

Second Inventor's signature _____ Date _____

Residence Osaka, JAPAN

Citizenship Japanese

Post Office Address 6-7-36, Minoh, Minoh-shi, Osaka 562-0001 JAPAN

Additional inventors are being named on separately numbered sheets attached hereto.

Full name of third joint inventor, if any (given name, family name) Toshifumi NAKATANI

Third inventor's signature _____ Date _____

Residence Osaka, JAPAN

Citizenship Japanese

Post Office Address 2-1-9-809, Ichinochonishi, Sakai-shi, Osaka 590-0951 JAPAN

Full name of fourth joint inventor, if any (given name, family name) Koji TAKINAMI

Fourth Inventor's signature _____ Date _____

Residence Osaka, JAPAN

Citizenship Japanese

Post Office Address 2-3-26E-706, Sekime, Jyoto-ku, Osaka-shi, Osaka 536-0008 JAPAN

Full name of fifth joint inventor, if any (given name, family name) _____

Fifth inventor's signature _____ Date _____

Residence _____

Citizenship _____

Post Office Address _____

Full name of sixth joint inventor, if any (given name, family name) _____

Sixth Inventor's signature _____ Date _____

Residence _____

Citizenship _____

Post Office Address _____

Full name of seventh joint Inventor, if any (given name, family name) _____

Seventh Inventor's signature _____ Date _____

Residence _____

Citizenship _____

Post Office Address _____